

AMENDMENTS TO THE SPECIFICATION

Please amend the Abstract appearing on p. 44 as follows:

-- A silicon production reactor ~~comprising~~ including a reaction vessel and heating ~~means element~~, ~~said the~~ reaction vessel ~~comprising~~ has a vertically extending wall and a space surrounded by the wall, ~~said the~~ heating ~~means element~~ being capable of heating at least a part, including lower end portion, of the wall's surface facing the space to a temperature of not lower than the melting point of silicon, ~~said the~~ silicon production reactor being adapted to flow raw gas for silicon deposition from an upper part of the space of the reaction vessel toward a lower part thereof, characterized in that the space of the reaction vessel is of slit form in cross-sectional view. This silicon production reactor is capable of attaining improvement with respect to problems encountered at apparatus ~~scaleup~~ scale-up, such as decrease of reactivity of raw gas and generation of by-products, thereby accomplishing a striking enhancement of production efficiency. --